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# 2006 BAY AND WATERSHED RESTORATION GRANTS

## Announcement of Request for Proposals (RFP)



June 2006

- **State Narragansett Bay and Watershed Restoration Grants – Governmental & Non-governmental Entities**
  - **Nonpoint Source (NPS) Implementation Grants (Clean Water Act - Section 319)**
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The Rhode Island Department of Environmental Management (RIDEM) is pleased to announce the availability of grants to restore water quality and manage nonpoint source (NPS) pollution. Unlike point source pollution that comes from specific, identifiable discharges, NPS pollution is diffuse, coming from many diverse sources including stormwater runoff, septic systems and erosion from disturbed sites. To promote restoration of waters degraded by NPS pollution, voters approved the Narragansett Bay and Watershed Restoration Bond Fund (BWRF) in the fall of 2004. RIDEM has promulgated regulations governing the distribution of grants from this fund. RIDEM will also award NPS implementation grants with federal funding provided by Section 319 of the Clean Water Act, subject to federal guidance and restrictions. Grants from both funding sources will be awarded on a competitive basis pursuant to this Request for Proposals (RFP).

### 1. Introduction & Purpose of Grants

NPS pollution is a significant cause of water quality impairments in Rhode Island. Reducing or preventing NPS pollution often requires local actions to implement site-specific best management practices (BMPs) or to carry out local water resource protection programs. RIDEM has identified surface water bodies considered impaired, meaning their water quality does not meet applicable water quality standards and criteria. These waters are listed on the Impaired Waters List, also known as the 303(d) list. A 303(d) listing means that one or more designated uses, e.g. swimming, of the waterbody is adversely affected. Appendix A of this announcement identifies waterbodies from Groups 1 and 5 of the list in which on-going or prior work has characterized the impairments and identified contributions of nonpoint sources of pollution. For most waterbodies, this work is documented in water quality restoration plans, known as TMDLs. The TMDL provides a technical basis for strategically investing in water quality restoration actions. Due to gaps in available monitoring data, not every polluted or impaired waterbody may be listed at this time. If you believe a waterbody not on the list has a NPS problem that should be addressed, your proposal will need to document the problem and source.

The grants are primarily intended to provide financial assistance to projects that will restore or improve water quality and enhance the designated uses of our waters: swimming, fishing, shell fishing, drinking water supply and healthy aquatic life. For this RFP, RIDEM is giving **highest priority to those proposals that effectively control or abate NPS impairments in Group 1 or Group 5 waterbodies on the 303(d) list.** Proposals to implement recommendations associated with other watershed restoration plans will be considered, providing the plans document the pollution sources in the watershed that are causing the impairment and comprehensively outline the steps needed to address the pollution sources. DEM is also encouraging capital projects that strengthen local stormwater management programs including projects implementing a BMP identified through a RIDEM approved stormwater management plan and projects focusing on the mitigation, control or elimination of illicit connections to storm sewers. RIDEM prefers to fund stormwater management projects that entirely eliminate the discharge of untreated stormwater to surface waters by retaining stormwater through upland attenuation, infiltration or other means. Finally, the NPS 319 program will

also consider aquatic habitat restoration projects that will enhance water quality or support the designated uses of surface waters.

## 2. Applicant Eligibility – who can apply?

Local, state and regional governmental agencies, non-governmental agencies including businesses, non-profit organizations, watershed associations, conservation districts and others, are eligible. Note: non-profit organizations must have status as an IRS 501(c)3 organization.

Applicants must demonstrate administrative capacity to manage their grant funds and comply with applicable state and federal fiscal requirements including accounting, record-keeping, procurement and reporting procedures. Applicants must also demonstrate ability to manage their project, document match and report on progress of deliverables specified in a grant agreement. Private individuals are not eligible to apply. Table 1 identifies who is eligible in relationship to the source of funding:

Table 1. Eligibility to Apply for Grants

Funding Source	Governmental	Non-governmental	
	Municipal/State/regional government; quasi-state agencies; public schools and universities	Non-profit watershed org./environmental or conservation organizations	Other non-governmental entities: for profit business, private schools, non-profit organizations, incorporated individuals
State Bay and Watershed Restoration – Governmental Sub-fund - \$7.1 million	Yes/ Eligible	No	No
State Bay and Watershed Restoration – Non –Governmental Sub-fund - \$700,000	No	Yes/ Eligible	Yes/ Eligible
Federal 319 NPS funds – approx. \$800,000	Yes/ Eligible	Yes/ Eligible	No

## 3. Project Eligibility - What type of projects are eligible?

Eligible projects involve actions to control or abate documented water quality impairments caused by nonpoint pollution sources. In addition, federal NPS 319 funds may support restoration of habitat degraded by hydrological modifications such as dams, stream channelization or changes to wetland and riparian functions. The state BWRP will also support capital projects related to stormwater management. The grants, provided on a matching basis, will give financial assistance for projects that address objectives listed in Table 2. Additional examples of eligible projects are in Appendix B.

Table 2. Eligible Projects related to Grant Funding Source

Grant Type	Primary Project Objective	Example Projects	Restrictions
<p>NPS (319)</p> <p>40% required match</p> <p>Target Grant Amount: \$25,000 - \$200,000</p>	<p>Reduce NPS pollutant loadings entering water resources so that beneficial uses of the water resources are maintained or restored.</p>	<ul style="list-style-type: none"> <li>Onsite Wastewater Management. <ul style="list-style-type: none"> <li>Implementation actions.</li> </ul> </li> <li>Water Quality Restoration Actions. <ul style="list-style-type: none"> <li>Feasibility &amp; design phase;</li> <li>Implementation phase (i.e. BMP construction).</li> </ul> </li> <li>Habitat Restoration - where degraded conditions contribute to water quality or designated use impairments. <ul style="list-style-type: none"> <li>Design &amp; implementation of restoration projects.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>May <b>not</b> be used for Phase I/Phase II stormwater requirements.</li> <li>May be used to install new stormwater treatment systems or enhance existing systems only to address stormwater <b>before</b> it enters a storm sewer or other conveyance system; e.g. upland attenuation, infiltration, retention in a permanent pool, or other means. Projects to treat end of pipe stormwater discharges are no longer eligible for 319 funds.</li> <li>Must be linked to TMDL or watershed-based plan.</li> <li>Land acquisition is ineligible as a grant expense.</li> </ul>
<p>State BWRP—Governmental Entities Sub-Fund</p> <p>50% required match</p> <p>Target Grant Amounts: No limit</p>	<p>Reduce pollutant loadings entering Narragansett Bay and state watersheds by addressing NPS and stormwater management including illicit connections to the stormwater collection systems.</p>	<ul style="list-style-type: none"> <li>Construction of projects, including stormwater management structures, that mitigate, control, or eliminate the effects of nonpoint source pollution to the waters of the state. <ul style="list-style-type: none"> <li>Feasibility and design phase.</li> <li>Implementation phase.</li> </ul> </li> <li>Capital expenditures for additional or upgraded equipment to enhance implementation of best management practices identified in RIDEM approved local stormwater management program plans.</li> <li>Identification, mitigation, control or elimination of illicit point source connections to stormwater collection systems.</li> </ul>	<ul style="list-style-type: none"> <li>May not be used for on-site sewage disposal systems serving single family residences.</li> <li>Land acquisition is ineligible as a grant expense.</li> <li>Projects designed to address solely drainage or flooding problems are not eligible. Stormwater management projects must provide for water pollution abatement.</li> </ul>
<p>BWRP –Non-Governmental Entities Sub-Fund</p> <p>50% required match</p> <p>Target Grant Amounts: No limit</p>	<p>Reduce pollutant loadings entering Narragansett Bay and state watersheds by addressing NPS and stormwater management including illicit connections to the stormwater collection systems.</p>	<ul style="list-style-type: none"> <li>Construction of projects, including stormwater management, that mitigate, control, or eliminate the effects of nonpoint source pollution to the waters of the state. <ul style="list-style-type: none"> <li>Feasibility and design phase.</li> <li>Implementation phase.</li> </ul> </li> <li>Identification, mitigation, control or elimination of illicit point source connections to stormwater collection systems.</li> </ul>	<ul style="list-style-type: none"> <li>May not be used for onsite sewage disposal systems serving single family residences.</li> <li>Land acquisition is ineligible as a grant expense.</li> <li>Projects designed to address solely drainage or flooding problems are not eligible. Stormwater management projects must provide for water pollution abatement.</li> </ul>

OWR recognizes that certain local water quality restoration actions may need to undergo interim development before implementation and actual pollutant loading reductions are accomplished. For example, large BMP projects may be pursued in phases-- first feasibility and design, then permitting and construction. Design and feasibility projects must document a commitment to follow through on the construction of the BMP or project that is designed.

RIDEM welcomes the opportunity to help applicants determine whether a project would be eligible for a grant, and to provide guidance in preparing a project proposal. For assistance, contact the individual listed as program contacts on page 7.

### **Compliance Actions Pertaining to Grant Applicants**

It is RIDEM's policy that financial assistance shall neither directly or indirectly benefit parties whose willful action or inaction has resulted in damage to the environment. At the director's discretion, RIDEM may restrict or limit funding due to the occurrence of criminal, civil enforcement actions or compliance matters. To be eligible for grants, applicants must disclose any existing violations and compliance actions related to their proposal. This includes issuance of any notice of intent to enforce.

## **4. Eligible Grant Expenses – what costs are allowable?**

Eligibility of activities may vary with the type of grant application. Eligible expenses may include the costs of personnel salary and fringe, travel, supplies, construction, and contractual services. With respect to personnel, RIDEM generally will not subsidize salaries of existing governmental staff, but rather encourage such expenses to be allocated as match. Restrictions on the use of funds are noted in Table 2.

Projects *solely* focused on activities such as technical assistance, education, training, technology transfer, community planning and water quality monitoring will *not* be considered eligible. However, such activities may be eligible as tasks in projects where they are directly associated with implementing a restoration action that reduces NPS pollution. NPS research, water quality assessment, and routine maintenance of existing structural BMPs are not eligible activities. Stormwater mapping done as part of a Phase II municipal stormwater programs is ineligible for support under the NPS 319 program. The state BWRP may support targeted stormwater mapping projects provided they are linked to an existing water quality impairment and abatement action such as illicit detection. Stormwater projects aimed at addressing solely drainage or flooding problems are not eligible.

***RIDEM and the State of Rhode Island take no responsibility for project work done outside the term or scope of the agreement or prior to full approval of an agreement. Applicants should NOT anticipate any funding for work that is done before approval of a grant agreement.*** Agreements are not valid until the Rhode Island Department of Administration issues the appropriate encumbrance (i.e., purchase order or PO release). All agreements must be signed and dated by an authorized agent of the sponsor and RIDEM.

## 5. Match Requirements

“Match” refers to funds or services used to conduct a project that are not borne by grant funds. All project match must: (1) relate directly to the project for which the match is being applied; (2) be reasonably valued; and (3) be supported by documentation. Match is an indicator of local commitment to a project and is considered in proposal eligibility and ranking.

Match may include: (1) cash; (2) the value of non-cash, in-kind contributions (e.g., charges for equipment used on the project, but not specifically purchased or rented for the project); or (3) the value of goods and services directly contributed to the project. Third-party in-kind contributions are allowed with the exception that NPS 319 grants generally cannot be matched with other federal contributions. Volunteer services provided to the sponsor for project activities and travel costs may be valued as match at rates consistent with rates ordinarily paid by employers for similar work. General volunteer time is currently valued at \$18.04/hour.

Examples of actions that might be used as eligible match include the following:

- Cost or value-per-hour rate multiplied by the number of hours performing work associated with the project proposal tasks, such as labor to install BMPs, bid or subcontract development, development of BMP designs and permit reviews, including attending meeting pertaining to such, conducting public meetings or similar work relating to the project but not directly funded by the grant.
- Cost of equipment rentals, and supplies used for the project.
- Room rental costs for meetings relating to the project.
- Cost of construction of approved BMPs (including labor, equipment and materials).
- Costs of travel (i.e., mileage rates, tolls, etc.; current state mileage rate is \$0.445 per mile).

NPS 319 grants are provided in a 60% to 40% (i.e., 3:2) grant to match ratio. A 40% match means that at least 40% of the *total project budget* comes from a nonfederal source. To calculate 40% required minimum match, multiply the grant amount by 0.667.

State BWRP grants are provided in 50% to 50% grant to match ratio. The applicant must provide match in an amount equal to or exceeding the requested grant amount.

Projects that are eligible and wish to apply to both funding sources may do so provided that the total of the combined grants does not exceed 75% of the total project costs. At least 25% of the project costs must be derived from non-grant (e.g. local) sources.

## 6. NPS-319 Only: Watershed-based Plan Requirement

NPS 319 grants projects need to be consistent with an appropriate watershed-based plan. RIDEM will give priority to actions identified in water quality restoration plans (TMDLs). Information on the status of TMDLs, either completed or draft, for specific waterbodies is included in Appendix A. Copies of draft and final TMDLs are available on RIDEM's web site at:

<http://www.dem.ri.gov/programs/benviron/water/quality/rest/index.htm>

RIDEM recognizes that water quality restoration plans do not yet exist for all impaired surface waters. In future years, RIDEM expects additional TMDL reports to provide the technical basis for water quality restoration actions. Where TMDLs are not available, applicants are encouraged to review and consider other watershed assessment and planning documents that may be available. These include Special Area Management Plans (SAMPs), watershed protection plans or other qualifying watershed initiatives. SAMP plans may be viewed at the Coastal Resources Management Council (CRMC) website at: <http://www.crmc.state.ri.us/samp/index.html>.

## **7. Public Workshop      July 12, 2006      2:00 – 4:00 pm**

A public workshop to review the RFP process and clarify guidance for potential grant applicants has been scheduled as follows:

Public workshop	Date:	Wednesday July 12, 2006
	Time:	2:00 p.m. – 4:00 p.m.
	Location:	RIDEM Headquarters, Room 300 235 Promenade Street, Providence

## **8. Optional Pre-Proposal Process      Due Date July 28, 2006**

To foster collaboration and provide a mechanism for early review, RIDEM encourages and will accept pre-proposals for review and comment. NPS and BWRF pre-proposals prepared using the form provided in Appendix C should be sent by mail or e-mail to Betsy Dake (NPS-319) or Jay Manning (BWRF) at the address listed below in section 10. To ensure adequate review time, pre-proposals must be received by Friday July 28, 2006. Comments on pre-proposals will be provided either by phone or in writing to respective applicants by Friday August 11, 2006.

Applicants should note that a pre-proposal review is offered for informational purposes only and does not guarantee or necessarily improve the likelihood of project funding under this RFP. Likewise, projects that have not gone through pre-proposal review receive no less consideration for funding than those that were reviewed as pre-proposals. The pre-proposal process is intended to prevent applicants from expending effort on projects that are ineligible, duplicative or otherwise not likely to be funded.

## **9. Proposal Evaluation Criteria**

Project proposals will receive an initial screening by representatives of the RIDEM Office of Water Resources for basic eligibility criteria. Eligible proposals will be referred to interagency review committee(s). The interagency review committee will evaluate the eligible proposals consistent with ranking criteria developed in conjunction with rules governing the BWRF and applicable federal requirements in order to make recommendations subject to final decision by the RIDEM Director. Ranking criteria address:

- Severity and magnitude of the problem;
- Value of resource to be protected & public benefits derived;
- Beneficial impact to waters of the state;
- Technical merit & likelihood of success;
- Consistency with approved plans; e.g. TMDL, etc.
- Readiness to proceed

## **10. How To Apply - Final Submittal Deadline - September 15, 2006**

Final proposals must be received by RIDEM **no later than 4:00 p.m. on Friday, September 15, 2006**. The proposal must include mandatory application forms (Form A and Form B), a narrative project description and other supporting materials as appropriate; e.g. site map, letters of support, photographs, etc. Refer to Appendix D for details and final application forms.

RIDEM encourages that proposals be sent electronically (Microsoft WORD format). Hard-copies will also be accepted.

All proposals must be submitted to the following application recipient:

Grant Type	Application Recipient & Program Contact	Additional contact – information only
NPS (319)	Betsy Dake, Senior Environmental Planner Rhode Island Department of Environmental Management Office of Water Resources 235 Promenade St. Providence, RI 02908 (401) 222-4700 x7230 or <a href="mailto:betsy.dake@dem.ri.gov">betsy.dake@dem.ri.gov</a>	Margherita Pryor EPA Region 1, New England (617) 918-1597 or <a href="mailto:pryor.margherita@epamail.epa.gov">pryor.margherita@epamail.epa.gov</a>
BWRF – Governmental and Non-Governmental Entities Sub-Funds	Jay Manning, P.E., Principal Sanitary Engineer Rhode Island Department of Environmental Management Office of Water Resources 235 Promenade St. Providence, RI 02908 (401) 222-4700 x 7254 or <a href="mailto:jay.manning@dem.ri.gov">jay.manning@dem.ri.gov</a>	

Water Quality Restoration Grant Timelines		
Announcement of RFP	June 19, 2006	Mon
Public Workshop	July 12, 2006	Wed
Deadline for Pre-proposals	July 28, 2006	Fri
Final Grant Proposals Due to RIDEM – Office of Water Resources	September 15, 2006	Fri
Review of Proposals/ Announcement of Grant Awards	Fall – Winter 2006	
Projects can be initiated after grant agreements are formally executed. DEM expects projects to be completed within 12-36 months of the project start date.		

## 11. Project Administration

- 11a. Grant Agreements - It is anticipated that grant awards will be announced near the end of the year. Development of grant agreements will follow with projects starting at various times during 2007. For projects selected to receive grants, RIDEM may request the applicant to modify the project scope of work based on comments received during project evaluations and the selection process as part of developing and finalizing the grant agreement.

Grant recipients must enter into an agreement with RIDEM to establish mutually agreeable terms for completing the project. Items in the agreement include, *but are not limited to*:

- Scope of work including tasks, schedules and deliverables. (Agreements usually have the approved project proposal incorporated as the scope of work.)
- RIDEM and sponsor responsibilities, including interim and final reporting requirements.
- Statement of the project's total budget, matching budget, and grant.
- Statutory and regulatory requirements for contracting such as competitive bidding, fair-share allotments, i.e., minority-owned and women-owned business enterprises (MBE/WBE).
- Requirements for subcontracting.
- Project payment schedule and payment terms.

Payments will be made on a reimbursement basis in accordance with the payment schedule and terms contained in the project agreement. Reimbursement is tied to performance targets and payments are not scheduled more frequently than once a month.

Grant recipients will be required to provide regular progress reports to RIDEM. Projects are expected to be completed in the timeframe of the grant agreement. Timeframes will be negotiated in the range of 12-36 months. Time extensions will not be granted without specific and appropriate justification.

- 11b. Pre-project and Pre-contract Costs - **RIDEM and the State of Rhode Island take no responsibility for project work done outside the term or scope of the agreement or prior to full approval of an agreement. Applicants should NOT anticipate any funding for work that is done before approval of a grant agreement.** Agreements are not valid until the Rhode Island Department of Administration issues the appropriate encumbrance (i.e., purchase order). All agreements must be signed and dated by an authorized agent of the sponsor and RIDEM.
- 11c. Procurement - The expenditure of funds pursuant to these grants is subject to state law governing procurement, including requirements for competitive bidding and MBE/WBE. NPS 319 grants are also subject to federal regulations governing procurement. RIDEM reserves the right to review and approve the award of any contract or subcontract.
- 11d. Indirect (Overhead) Costs (NPS-319 Grants Only) - Indirect costs are costs that are not readily attributable with a specific project; e.g. rent, heat, utilities, etc. Indirect costs are subject to the review and approval of the RIDEM Office of Management Services. Entities proposing to use an indirect rate must have an approved current rate. In general, DEM will not authorize indirect rates that exceed 16%. If an agency opts to establish an indirect rate for its NPS-319 grant, the rate is subject to OMB Circular A-122 "Cost Principles for Nonprofit Organizations" or OMB Circular A-21 "Cost Principles for Educational Institutions."

- 11e. Measurable Results & Quality Assurance Project Plan Requirement - (NPS 319 only)  
- Increasingly, state environmental agencies and Environmental Protection Agency (EPA) are encouraged to demonstrate project effectiveness by measurable results. The federal Office of Management and Budget has *strongly* indicated that expenditure of Section 319 grant funding should result in measurable reduction of pollutants (e.g., bacteria, nutrients, etc.) as well as a return of water resource values (e.g., reopening shell fishing grounds). Because projects will be required to generate data or information on the environmental outcome of the project, a quality assurance project plan (QAPP) will need to be developed for most projects, even in the absence of actual water quality monitoring. Project plans must include a task and appropriate time allotment to develop a QAPP. QAPPs may be subject to both RIDEM and EPA approval. The QAPP will be required to document in advance those actions that are being taken to ensure the project is successful in meeting its environmental objective. For additional guidance on QAPP requirements contact Betsy Dake.
- 11f. Permitting - Many grant projects will require a permit from RIDEM or CRMC or review by another governmental agency to proceed. Applicants should consider the time needed to acquire permits and other agency reviews and plan projects accordingly. Failure to obtain and comply with permits is generally considered a material breach of a grant agreement and may jeopardize project funding.

## **Appendix A: Waterbodies with Impairments attributed to NPS Sources**

### **– Group 1 & Group 5**

The attached list includes those waterbodies on the draft 2006 303(d) list of impaired waters that (1) are wholly or in part impaired due to nonpoint sources of pollution and (2) for which the NPS sources have been characterized via a TMDL or for which TMDL development is underway or planned. DEM is encouraging pollution abatement projects to mitigate or further abate the nonpoint sources of impairment in these waterbodies.

Appendix A: Waterbodies with NPS Impairments

WaterbodyID	WATER BODY NAME	WATER BODY DESCRIPTION	WBSize	IMPAIRMENT	COMMENTS
GROUP 1					
BLACKSTONE RIVER BASIN					
RI0001003L-01	Scott Pond	Scott Pond. Lincoln	42.1267	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	
RI0001003L-02	Valley Falls Pond	Valley Falls Pond. Cumberland	37.9692	BIODIVERSITY IMPACTS EXCESS ALGAL GROWTH/CHL-A Lead (Pb) LOW DO PATHOGENS Phosphorus	
RI0001003R-01A	Blackstone River	Blackstone River from the MA-RI border to the CSO outfall located at River and Samoset Streets in Central Falls. Woonsocket, North Smithfield, Cumberland, Lincoln and Central Falls.	14.9676	BIODIVERSITY IMPACTS Copper (Cu) Lead (Pb) PATHOGENS	
RI0001003R-01B	Blackstone River	Blackstone River from the CSO outfall located at River and Samoset streets in Central Falls to the Slater Mill Dam. Central Falls, Pawtucket.	1.6389	BIODIVERSITY IMPACTS Copper (Cu) Lead (Pb) PATHOGENS	
RI0001003R-03	Mill River	Mill River. Woonsocket	0.9176	Lead (Pb)	
RI0001003R-04	Peters River	Peters River. Woonsocket	0.7826	Copper (Cu) Lead (Pb) PATHOGENS	
COASTAL WATERS					
RI0010043E-02	Greenhill Pond	Green Hill Pond. South Kingstown	0.6569	LOW DO	
RI0010043E-06B	Point Judith Pond	Upper Point Judith Pond from the mouth of the Saugatucket River at Route 1, downstream to Can Bouy 33. Narragansett, South Kingstown	0.077	PATHOGENS	
RI0010043E-06C	Point Judith Pond	Upper Point Judith Pond, south of Can Buoy 33 and north and east of a line from Buttonwood Point to the southern extremity of Cummock Island, to the flagpole at the northwest extremity of Betty Hull Point excluding the marina area described in RI0010043E-	0.294	PATHOGENS	
RI0010043E-06D	Point Judith Pond	Point Judith Pond waters in the vicinity of Billington Cove Marina as shown on the plan entitled "Billington Cove Marina: Marina Perimeter Plan", dated August 1994 by Coastal Engineering Group, Inc., east of a line from the western edge of the rip-rap ret	0.0087	PATHOGENS	
RI0010043E-06H	Point Judith Pond	Point Judith Pond waters in the channel to Potter Pond east of a line across the western end of the Potter Pond entrance channel located approximately 500 feet west of Succotash Road and west of a line from a point of land on the northern shore of the ch	0.008	PATHOGENS	
RI0010043E-06K	Point Judith Pond	Point Judith Pond waters in the vicinity of Champlin's Cove, north of a line from the westernmost extension of Delray Drive to the easternmost extension of Flintstone Road, located on Harbor Island. Narragansett	0.02	PATHOGENS	
RI0010045R-02	Indian Run Brook & Tribs	Indian Run Brook and tributaries. South Kingstown	3.3123	Copper (Cu) Lead (Pb) Zinc (Zn)	
RI0010045R-05C	Saugatucket River	Saugatucket River from the Main Street Dam in Wakefield to the Route 1 overpass. South Kingstown	0.2357	PATHOGENS	
RI0010046L-01	Sands Pond	Sands Pond. New Shoreham	12.7289	EXCESS ALGAL GROWTH/CHL-A Phosphorus TASTE AND ODOR TURBIDITY	
RI0010047L-01	Almy Pond	Almy Pond. Newport	49.8488	Phosphorus	
NARRAGANSETT BASIN					
RI0007020L-02	Brickyard Pond	Brickyard Pond. Barrington	84.0623	LOW DO	

				Phosphorus	
RI0007020L-06	Prince's Pond (Tiffany Pond)	Prince's Pond (Tiffany Pond). Barrington	8.0787	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	
RI0007022E-01A	Palmer River	Palmer River from the MA-RI border to the East Bay Bike Path trestle in Warren, approximately 2500 feet north of the confluence with the Barrington River. Warren, Barrington	0.7329	LOW DO NUTRIENTS	
RI0007024E-01	Upper Narragansett Bay	Upper Narra. Bay from Conimicut Pt-Nayatt Pt boundary south, including waters south of a line from Adams Pt, Barrington to Jacobs Pt, Warren, to a line from Warwick Point in Warwick through Providence Point on Prudence Island, to Popasquash Point in Bristol	14.93	LOW DO NUTRIENTS	
RI0007024E-02	Old Mill Creek	Old Mill Creek. Warwick	0.0332	PATHOGENS	
RI0007024L-02	Warwick Pond	Warwick Pond. Warwick	84.7155	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	
RI0007024R-01	Buckeye Brook and Tribs	Buckeye Brook and tributaries. Warwick	2.7879	BIODIVERSITY IMPACTS PATHOGENS	
RI0007024R-03	Lockwood Brook	Lockwood Brook. Warwick	1.7014	PATHOGENS	
RI0007024R-04	Warner Brook	Warner Brook. Warwick	0.942	PATHOGENS	
RI0007025L-01	Gorton Pond	Gorton Pond. Warwick	58.3003	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	
RI0007027L-02	Belleville Ponds	Belleville Ponds. North Kingstown	130.2734	Phosphorus	
RI0007029E-03	Potter Cove	Potter Cove. Prudence Island, Portsmouth	0.153656	LOW DO	
RI0007032E-01A	Mount Hope Bay	Mt. Hope Bay south and west of the MA/RI border, and east of a line from Touisset Point to the channel marker buoy R "4" and south and east of a line from buoy R "4" to the southernmost landward end of Bristol Point and south of a line from Bristol Point	4.2814	LOW DO NUTRIENTS	
RI0007032E-01B	Mount Hope Bay	Mt. Hope Bay waters north and west of a line from the southernmost landward end of Bristol Point to buoy R "4" and west of a line from buoy R "4" to the DEM range marker on Touisset Point, and south of the Bristol Narrows. Bristol, Warren	2.0097	LOW DO NUTRIENTS PATHOGENS	
RI0007032E-01C	Mount Hope Bay	Mt. Hope Bay waters south of a line from Borden's Wharf, Tiverton, to buoy R "4" and west of a line from buoy R "4" to Brayton Point, Somerset, MA., and east of a line from the end of Gardiner's Neck Road in Swansea to buoy N "2", through buoy C "3" to Comp	3.049	LOW DO NUTRIENTS	
RI0007032E-01D	Mount Hope Bay	Mt. Hope Bay waters south and west of the MA-RI border and north of a line from Borden's Wharf, Tiverton to buoy R "4" and east of a line from buoy R "4" to Brayton Point in Somerset, MA. Bristol, Portsmouth and Tiverton.	0.4828	LOW DO NUTRIENTS	
RI0007033E-01A	Kickemuit River	Kickemuit River from the Child Street bridge (Route 103) in Warren, south to the river mouth at "Bristol Narrows" excluding the waters described below. Bristol, Warren	0.6983	PATHOGENS	
RI0007033E-01B	Kickemuit River	Kickemuit River south of a line from the eastern extension of Kickemuit Avenue in Bristol to the DEM range marker located on the western tip of Little Neck in Touisset, and north of a line from the DEM range markers located on the east shore and west shore	0.0726	PATHOGENS	
RI0007033E-01C	Kickemuit River	Kickemuit River west of a line from the DEM range marker located on the western tip of Little Neck in Touisset to the brick stack located at 426 Metacom Avenue in Warren (formally known as the Carol Cable Building), north of a line from the eastern exten	0.0903	PATHOGENS	
RI0007035L-03	North Easton Pond (Green End Pond)	North Easton Pond (Green End Pond). Middletown, Newport	113.2341	EXCESS ALGAL GROWTH/CHL-A Phosphorus	
PAWCATUCK RIVER BASIN					
RI0008038E-01A	Tidal Pawcatuck River	Tidal Pawcatuck River from Route 1 highway bridge to Pawcatuck Rock. Westerly	0.3211	LOW DO PATHOGENS	
RI0008038E-01B	Tidal Pawcatuck River	Tidal Pawcatuck River from Pawcatuck Rock to a line from Rhodes Point, RI to Pawcatuck Point, CT. Westerly	0.6889	PATHOGENS	
RI0008038E-02A	Little Narragansett Bay	Little Narragansett Bay west of a line extending from Pawcatuck Point in Connecticut to Rhodes Point in Rhode Island, excluding the area described below. Westerly	0.7893	PATHOGENS	
RI0008038E-02B	Little Narragansett Bay	Little Narragansett Bay including Watch Hill Cove, southeast of a line from the northernmost extension of land that forms Napatree Point to the westernmost point of land on the south side of the mouth of Fosters Cove. Westerly	0.3081	PATHOGENS	
RI0008039L-13	Hundred Acre Pond	Hundred Acre Pond. South Kingstown	84.1634	EXCESS ALGAL GROWTH/CHL-A LOW DO NOXIOUS AQ. PLANTS native	

PAWTUXET RIVER BASIN					
RI0006014L-04	Upper Dam Pond	Upper Dam Pond. Coventry	20.4879	Phosphorus	
RI0006017L-05	Roger Williams Park Ponds	Roger Williams Park Ponds. Providence	88.5815	EXCESS ALGAL GROWTH/CHL-A LOW DO Phosphorus	
RI0006017L-06	Mashapaug Pond	Mashapaug Pond. Providence	76.746	EXCESS ALGAL GROWTH/CHL-A LOW DO PATHOGENS Phosphorus	
RI0006017L-07	Spectacle Pond	Spectacle Pond. Cranston	38.8072	EXCESS ALGAL GROWTH/CHL-A Phosphorus	
RI0006017L-09	Sand Pond (N. of Airport)	Sand Pond (North of Airport). Warwick	12.209	LOW DO Phosphorus	
WOONASQUATUCKET RIVER BASIN					
RI0002007R-01	Assapumpset Brook and Tribs	Assapumpset Brook and tributaries. Johnston	5.8957	PATHOGENS	
RI0002007R-10A	Woonasquacket River and Tribs	Woonasquacket River headwaters and tributaries to Georgiaville Pond, excluding reservoirs and ponds. North Smithfield, Smithfield	3.803	Zinc (Zn)	
RI0002007R-10B	Woonasquacket River and Tribs	Woonasquacket River and tributaries from the Georgiaville Pond outlet to the Smithfield WWTF discharge point at Esmond Mill Drive. Smithfield	1.728	PATHOGENS	
RI0002007R-10C	Woonasquacket River and Tribs	Woonasquacket River and tributaries from the Smithfield WWTF discharge point at Esmond Mill Drive to the CSO outfall at Glenbridge Avenue in Providence. Smithfield, North Providence, Providence, Johnston	4.2404	PATHOGENS Zinc (Zn)	
RI0002007R-10D	Woonasquacket River	Woonasquacket River from the CSO outfall at Glenbridge Avenue to the confluence with the Moshassuck River. Providence	3.4805	Copper (Cu) Lead (Pb) Zinc (Zn)	
GROUP 5					
COASTAL WATERS					TMDL STATUS/ CONTROL ACTION
RI0010031E-01A	Sakonnet River	Sakonnet River waters in the vicinity of Portsmouth Park north of a line extending from the southwesternmost corner of the Stone Bridge in Tiverton to the easternmost extension of Morningside Lane in Portsmouth. Portsmouth, Tiverton	0.281	PATHOGENS	TMDL approved April 2005.
RI0010031E-03B	The Cove, Island Park	The Cove, Island Park south of a line from the southern end of Hummock Point to the RIDEM Range marker located at the eastern extremity of a point of land on the western shore of The Cove. Portsmouth	0.171	PATHOGENS	TMDL approved April 2005.
RI0010043E-02	Greenhill Pond	Green Hill Pond. South Kingstown	0.6569	PATHOGENS	TMDL approved February 2006.
RI0010043E-04B	Ninigret Pond	Ninigret Pond waters, including Tockwotten Cove, east of a line from the DEM Range markers located on the shore directly eastward of pole number 16-1 at the end of Starrett Drive, to the DEM Range marker located at the end of Florence Avenue, and west of	0.1581	PATHOGENS	TMDL approved February 2006.
RI0010043R-02	Factory Pond Stream & Tribs	Factory Pond Stream and tributaries. South Kingstown	1.0288	PATHOGENS	TMDL approved February 2006.
RI0010043R-04	Teal Pond Stream	Teal Pond Stream. South Kingstown	0.3898	PATHOGENS	TMDL approved February 2006.
RI0010044E-01A	Pettaquamscutt River	Pettaquamscutt (Narrow) River exclusive of the waters noted below, from the headwaters at the end of Gilbert Stuart Stream to the mouth of the river including Pettaquamscutt Cove. North Kingstown, South Kingstown, Narragansett	0.9118	PATHOGENS	TMDL approved April 2002.
RI0010044E-01B	Pettaquamscutt River	Pettaquamscutt (Narrow) River waters in the vicinity of the marina at Middle Bridge. Narragansett	0.002	PATHOGENS	TMDL approved April 2002.
RI0010044R-03	Crooked Brook	Crooked Brook. Narragansett	2.2196	PATHOGENS	TMDL approved February 2003
RI0010045R-02	Indian Run Brook & Tribs	Indian Run Brook and tributaries. South Kingstown	3.3123	PATHOGENS	TMDL approved August 2003.
RI0010045R-03A	Mitchell Brook	Mitchell Brook headwaters to the Rose Hill Landfill property. South Kingstown	1.6448	PATHOGENS	TMDL approved August 2003
RI0010045R-03B	Mitchell Brook	Mitchell Brook from the Rose Hill Landfill to the confluence with the Saugatucket River. South Kingstown	0.6794	PATHOGENS	TMDL approved August 2003
RI0010045R-04	Rocky Brook	Rocky Brook and tributaries. South Kingstown	0.8251	PATHOGENS	TMDL approved August 2003
RI0010045R-05B	Saugatucket River & Trib	Saugatucket River and tributaries from the Rose Hill Landfill property to the dam at Main Street in Wakefield. South Kingstown	2.2851	PATHOGENS	TMDL approved August 2003
NARRAGANSETT BASIN					

RI0007019E-01	Seekonk River	Seekonk River from the Slater Mill Dam at Main Street in Pawtucket to India Point in Providence. Pawtucket, Providence	1.0145	EXCESS ALGAL GROWTH/CHL-A	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
				LOW DO	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
				NUTRIENTS	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
				PATHOGENS	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
RI0007020E-01A	Providence River	Providence River south of a line from a point on shore due east of Naushon Avenue in Warwick to the western terminus of Beach Road in East Providence and north of a line from Conimicut Point in Warwick to Old Tower at Nayatt Point in Barrington. East Pro	4.73	EXCESS ALGAL GROWTH/CHL-A	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
				LOW DO	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
				NUTRIENTS	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
				PATHOGENS	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
RI0007020E-01B	Providence River	Providence River from its confluence with the Moshassuck and Woonasquatucket Rivers in Providence south and south of a line from India Point to Bold Point (across the mouth of the Seekonk River), to a line extending from a point on shore due east of Naush	3.61	LOW DO	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
				NUTRIENTS	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
				PATHOGENS	Approved CSO Facilities Plan addresses pathogens and RIPDES discharge permits address nutrient-related impairments.
RI0007021E-01A	Barrington River	Barrington River from the Mobil Dam in East Providence to the East Bay Bike Path trestle in Barrington approximately 2500 feet north of the confluence with the Palmer River. East Providence, Barrington	0.9548	PATHOGENS	TMDL approved September 2003
RI0007021R-01	Runnins River & Tribs	Runnins River and tributaries from the MA-RI border to the Mobil Dam in East Providence. Providence, East Providence	2.2903	PATHOGENS	TMDL approved September 2002
RI0007022E-01A	Palmer River	Palmer River from the MA-RI border to the East Bay Bike Path trestle in Warren, approximately 2500 feet north of the confluence with the Barrington River. Warren, Barrington	0.7329	PATHOGENS	TMDL approved May 2002.
RI0007024E-01	Upper Narragansett Bay	Upper Narra. Bay from Conimicut Pt-Nayatt Pt boundary south, including waters south of a line from Adams Pt. Barrington to Jacobs Pt. Warren, to a line from Warwick Point in Warwick through Providence Point on Prudence Island, to Popasquash Point in Bristol	14.93	PATHOGENS	Due to CSOs; approved Facilities Plan.
RI0007025E-01	Apponaug Cove	Apponaug Cove waters north and west of a line from the RIDEM range marker located at the end of Neptune Lane in Chepiwanoxet to the RIDEM range marker located at Cedar Tree Point. Warwick	0.3155	EXCESS ALGAL GROWTH/CHL-A	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025E-02	Brushneck Cove	Brushneck Cove. Warwick	0.1176	LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025E-03	Buttonwoods Cove	Buttonwoods Cove. Warwick	0.0774	LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025E-04A	Greenwich Bay	Greenwich Bay waters north and west of a line from the eastern extremity of Sandy Pt. on Potowomut Neck, East Greenwich, to the flag pole located at the Warwick Country Club on Warwick Neck, east of a line from the northerly point of Long Point to the south	2.68	LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025E-04B	Greenwich Bay	Greenwich Bay waters west of a line from the northern extremity of Chepiwanoxet Point to the extension of Cooper Road located in the Buttonwoods section of Warwick, and east of a line from the RIDEM range marker located at the end of Neptune Lane in Chepi	0.828	LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025E-05A	Greenwich Cove	Greenwich Cove south of Long Point. East Greenwich, Warwick	0.3	LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025E-05B	Greenwich Cove	Greenwich Cove north of Long Point and west of a line extending from the northerly point of Long Point to the southerly point of Chepiwanoxet Peninsula. East Greenwich, Warwick	0.1127	LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
RI0007025E-06A	Warwick Cove	Warwick Cove north of a line from the easternmost extension of Burr Avenue on Horse Neck to the westernmost extension of Meadow Avenue on the east shore. Warwick	0.1842	LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025E-06B	Warwick Cove	Warwick Cove south of a line from the easternmost extension of Burr Avenue on Horse Neck to the westernmost extension of Meadow Avenue on the east shore and north of a line from the southeastern most riprap jetty at the entrance of Warwick Cove	0.0376	LOW DO	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				NUTRIENTS	Greenwich Bay Special Area Management Plan - TMDL equivalent.
				PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-01	Hardig Brook & Tribs	Hardig Brook and tributaries. West Warwick, Warwick	5.4767	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-03	Maskerchugg River	Maskerchugg River. Warwick, East Greenwich	4.0031	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-04	Dark Entry Brook	Dark Entry Brook. Warwick, East Greenwich	2.1325	PATHOGENS	TMDL approved by USEPA February 2006.

RI0007025R-05	Tuscatucket Brook	Tuscatucket Brook. Warwick	1.333	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-06	Baker Creek	Baker Creek. Warwick	0.545	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-09	Southern Creek (Carpenter Brook)	Southern Creek (Carpenter Brook). Warwick	1.4281	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-11	Greenwood Creek	Greenwood Creek. Warwick	0.6315	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-13	Gorton Pond Trib	Gorton Pond Tributary. Warwick	0.3724	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-14	Mill Brook	Mill Brook. Warwick	0.3824	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007025R-16	Saddle Brook	Saddle Brook. West Warwick, Warwick, East Greenwich.	3.0388	PATHOGENS	TMDL approved by USEPA February 2006.
RI0007028R-02	Fry Brook and Tribs	Fry Brook and tributaries. West Warwick, East Greenwich	3.8823	PATHOGENS	TMDL approved January 2001.
RI0007028R-03A	Hunt River	Hunt River headwaters to Frenchtown Road. East Greenwich, North Kingstown	5.42	PATHOGENS	TMDL approved January 2001.
RI0007028R-03B	Hunt River & Tribs	Hunt River from Frenchtown Road to the Brown and Sharpe discharge point located approximately 0.55 miles downstream of Frenchtown Road. East Greenwich, North Kingstown	1.26	PATHOGENS	TMDL approved January 2001.
RI0007028R-03C	Hunt River	Hunt River from the Brown and Sharpe discharge point located approximately 0.55 miles downstream of Frenchtown Road, to Austin Road. East Greenwich, North Kingstown	1.02	PATHOGENS	TMDL approved January 2001.
RI0007028R-06	Scrabbletown Brook	Scrabbletown Brook. East Greenwich, North Kingstown	3.218	PATHOGENS	TMDL approved January 2001.
RI0007034L-01	Kickemuit Reservoir (Warren Reservoir)	Kickemuit Reservoir (Warren Reservoir). Warren	42.2387	EXCESS ALGAL GROWTH/CHL-A	Draft TMDL completed.
			42.2387	PATHOGENS	Draft TMDL completed.
			42.2387	Phosphorus	Draft TMDL completed.
			42.2387	TASTE AND ODOR	Draft TMDL completed.
RI0007034R-01	Upper Kickemuit River	Upper Kickemuit River from the Kickemuit (Warren) Reservoir north to the RI-MA border. Warren	42.2387	TURBIDITY	Draft TMDL completed.
RI0007037L-01	Stafford Pond	Stafford Pond. Tiverton	480.1274	EXCESS ALGAL GROWTH/CHL-A	TMDL approved March 1999.
				LOW DO	TMDL approved March 1999.
				NUTRIENTS	TMDL approved March 1999.
PAWCATUCK RIVER BASIN					
RI0008039L-14	Barber Pond	Barber Pond. South Kingstown	28.1592	LOW DO	TMDL approved June 2004.
RI0008039L-15	Yawgoo Pond	Yawgoo Pond. Exeter, South Kingstown	143.3521	EXCESS ALGAL GROWTH/CHL-A	TMDL approved June 2004.
				LOW DO	TMDL approved June 2004.
				Phosphorus	TMDL approved June 2004.
RI0008039R-05A	Chickasheen Brook	Chickasheen Brook headwaters to Yawgoo Pond. Exeter	1.5856	NOXIOUS AQ. PLANTS native	TMDL approved June 2004.
				Phosphorus	TMDL approved June 2004.
WOONASQUATUCKET RIVER BASIN					
RI0002007R-10D	Woonasquatucket River	Woonasquatucket River from the CSO outfall at Glenbridge Avenue to the confluence with the Moshassuck River. Providence	3.4805	PATHOGENS	Due to CSOs; approved Facilities Plan.

## Appendix B: Examples of Eligible Projects

Note: NPS water pollution abatement projects should be linked to abatement of pollutants for which a waterbody is impaired. Examples listed below are eligible for all funds unless otherwise noted. This is a sample list of eligible projects is provided for illustration purposes and should not be interpreted as the universe of projects that can receive assistance from the abovementioned funds.

### WATERSHED RESTORATION ACTIONS – IMPLEMENTATION

- Construction of best management practices to abate NPS pollution;
  - Includes stormwater management practices – detention and treatment, retrofitting existing structures to enhance treatment provided to the water quality volume (WQV) discharged to a waterbody (Note: there are restrictions to the type of stormwater project eligible under NPS 319. See Table 2 page 3);
  - Agricultural BMPs – erosion controls, stormwater management practices, improved animal waste handling etc.;
  - Repair of failed, failing, or sub-standard onsite wastewater systems (excluding single family residences) - (BWRP - Non-Governmental Entities Sub-Fund only);
- Improvements in stormwater management to provide greater pollutant removal (combined sewer overflow related projects are not eligible); includes the purchase of additional or upgraded street sweeping equipment, catch basin cleaning equipment, green roofs, stormwater bio-filters, rain gardens;
- Elimination of unauthorized discharges from waterbodies or stormwater systems (restricted NPS 319 eligibility);
- Wetland, riverbank and aquatic habitat restoration that provides water quality benefit (NPS 319 only);
- Enhancement of natural buffers to mitigate NPS pollution (NPS 319 only);
- Habitat restoration or hydromodification impact abatement– including fish ladders and dam removal when consistent with an appropriate fisheries restoration plan; (NPS 319 only)
- Covering a salt pile that is contributing to water quality degradation.

## WATERSHED RESTORATION – INTERIM MEASURES

Note: Commitment to future construction or implementation of these projects will be required.

- Design and permitting only of BMPs;
- Feasibility analysis or preliminary design work which will lead to eventual BMP construction or implementation of watershed restoration actions;
- Development of a buffer enhancement or buffer restoration plan for a waterbody affected by nonpoint pollution sources (NPS 319 only);
- Development of regional or municipal stormwater management district including a sustained funding source (NPS 319 only);
- Design of wetland enhancement or restoration projects that provide water quality benefits (NPS 319 only).

## Appendix C: Pre-proposal Form

Rhode Island Department of Environmental Management  
Pre-Proposal Form For:



**2006**

# **Narragansett Bay and Watershed Restoration Grants & Nonpoint Source Implementation Grants (319)**

Submit a copy of the Pre-Proposal form electronically via e-mail or hard copy by fax or mail to:

State BWRP Grants:

Rhode Island Department of Environmental Management  
Attn: Jay Manning  
Office of Water Resources  
235 Promenade Street  
Providence, RI 02908-5767

Email electronic copies to:

**Jay.Manning@dem.ri.gov**

NPS 319 Grants:

Rhode Island Department of Environmental Management  
Attn: Betsy Dake  
Office of Water Resources  
235 Promenade Street  
Providence, RI 02908-5767

Email electronic copies to:

**Betsy.Dake@dem.ri.gov**

**Pre-Proposal Deadline**  
**4:00PM**  
**July 28th, 2006**

Locate the 2006 Narragansett Bay and Watershed Restoration Grants RFP at  
<http://www.state.ri.us/dem/programs/benviron/water/finance/index.htm>

**Narragansett Bay and Watersheds Restoration Grants/ NPS  
Implementation Grants**

**Pre-Proposal Form**

**1. Proposal Title**

--

**2. Contact Information**

Primary contact person:		
Organization:		
Street address:		
City, State, ZIP:		
Day phone:	Fax:	Email:

**3. Project Location**

Town(s):
Does project involve another state? <b>Yes</b> <input type="checkbox"/> _____ <b>No</b> <input type="checkbox"/>
What type of waterbody does it affect? <b>Stream</b> <input type="checkbox"/> <b>Lake</b> <input type="checkbox"/> <b>Estuary</b> <input type="checkbox"/> <b>Other</b> <input type="checkbox"/>
Waterbody name:
Attach a watershed map showing project location

**4. Nonpoint Concern Addressed by Project**

<input type="checkbox"/> Listed 303(d) impairment (specify): _____ <input type="checkbox"/> Storm water management improvement. <input type="checkbox"/> Restoration of habitat impaired by hydro modification or other NPS source. <input type="checkbox"/> Other documented water quality problem. <input type="checkbox"/> Other (explain):
--

## 5. Proposal Summary

*In 200 words or less, describe the proposed project including: general location (municipalities and watershed); water quality impairment(s); causes or sources of water quality impairment(s); proposed management activities, e.g., education, technical assistance; goal(s) of project; and how success will be verified*

## 6. Desired Outcome

*Provide a concise statement of your desired outcome, or end-state that this project would ideally achieve.*

## 7. Grant Category & Preliminary Budget Estimate

BWRF-Governmental \_\_\_\_\_ BWRF-Nongovernmental \_\_\_\_\_ NPS 319 \_\_\_\_\_

Grants Funds \$ \_\_\_\_\_ Match \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

## 8. Optional Supporting Materials

*Attach map or other supporting materials as desired.*

## Appendix D: Final Application Content & Forms

*Your completed application should include the following:*



FORM A: Required Applicant and Project Information



FORM B: Budget Detail



Narrative Description



Site/Location Map



Other Supporting Material  
(pictures, data, letters of support, etc.)

## INSTRUCTIONS FOR NARRATIVE PROJECT DESCRIPTION

A narrative project description is required. In general, the description should require no more than 3-6 pages. The narrative should address the following elements.

**Purpose:** Provide a brief, clear statement of the project purpose, including as applicable:

- Types of nonpoint pollution sources and water quality impairments or threats addressed by the project,
- Type of restoration project and nature of habitat impairment. (NPS 319 only)
- Type of stormwater management program enhancement (State BWRP only)
- If applicable, the TMDL or watershed restoration plan that provided basis for proposed project. (Note: All NPS 319 projects should be linked to an appropriate plan; water quality restoration plan, habitat restoration plan, etc.)

**Pollutant Categories to be addressed:** List the primary pollutant type(s) and if appropriate, secondary pollutant type(s).

**Project Approach and Tasks:** Provide a concise overview of project approach and identify and describe major tasks. Each task should be associated with an output; e.g. engineering plans, construction phase, etc. For pollution abatement projects, describe the BMP selected and explain its effectiveness in abating pollution in the targeted waterbody.

**Management and Coordination:**

- Describe who will manage the project; how contracting and subcontracting will be done.
- Describe if and how other agencies and organizations will participate in the project, including letters of commitment or support if available.

Note: The narrative should be clear on who is responsible for each major task.

**Maintenance (Construction Projects only):** If the project involves construction, identify the general requirements and responsibility for long-term maintenance.

**Public Outreach /Public Participation:** If applicable, describe how the project results will be shared via public outreach.

**Final Products & Measurable Environmental Results:**

- Describe expected outputs such as progress and final reports;
- Describe how you will measure the environmental results of your project. Results and/or benefits must be documented in both quantitative and qualitative terms, such as load reductions of nutrients (nitrogen, phosphorus) and/or sediments to receiving waters, other measurable improvements such as reductions in bacteria or other pollutants, or the results of physical restoration; e.g., acres of wetland restored or shellfish beds re-opened, linear feet of riparian buffers installed, miles of anadromous fish habitat or beaches opened, etc. Load reductions can be provided either from appropriate calculations, model estimates or from direct measurement. Available estimation models include STEP-L, and EPA Region 5 Model. RIDEM NPS staff can offer assistance in estimating load reductions.

**General Schedule & Milestones**

- Estimated schedule (typically 1-3 years from the time the project contract is signed) and key milestones

## Form A: Required Applicant and Project Information

<b>1 Project Title</b>					
Project Title					
<b>2.a Applicant Information</b>					
Organization					
Contact Name					
E-mail		Phone		Fax	
Street address					
<b>2.b Signature of Applicant</b>					
Authorized Agent Signature				Date	
Name					
Title					
<b>3. Grant Application Category Amount Requested (fill in all that apply)</b>					
Bay and Watershed Restoration Fund - Governmental	\$				
Bay and Watershed Restoration Fund - Nongovernmental	\$				
Nonpoint Source Pollution-319	\$				
Total Grant Amount Requested	\$				
<b>4. Project Management</b> <span style="float: right;"><input type="checkbox"/> Same as above (2a)</span>					
(List the person(s) responsible for managing this project)					
Full Name					
Title		Organization (if different from 2.a)			
Email		Phone		Fax	
Street Address					
<b>5. Project Location</b> Site specific <input type="checkbox"/> Larger project area <input type="checkbox"/>					
Street address or description of project area					
Name(s) of targeted waterbody/waterbodies					
Targeted water body – 303(d) status: Group 1 <input type="checkbox"/> Group 2 <input type="checkbox"/> Group 3 <input type="checkbox"/> Group 4 <input type="checkbox"/> Group 5 <input type="checkbox"/>					
303(d) – Listed impairment targeted by project: Pathogen <input type="checkbox"/> Nutrient <input type="checkbox"/> Dissolved Oxygen <input type="checkbox"/>					
Impaired Biodiversity <input type="checkbox"/> Other (List Parameter): _____					
<b>6. Source of Match</b>					
Applicant's Funds <input type="checkbox"/> Third Party Funds <input type="checkbox"/> In-kind Services <input type="checkbox"/>					
Please Attach Project Location Map					

## Form B: Budget Detail

**Table A: Project Tasks<sup>1</sup>, Deliverables, Schedule, and Estimated Costs**

Task #	Description and Task	Deliverables	Schedule <sup>2</sup>	Requested Amount	Non-federal Match	Total Task Cost
			Totals			

1. Tasks must include progress and final reports.

2. Please express as the month number in which the task is expected to be completed from start of project (i.e., Month 2)

**Table B: Project Costs by Budget Category**

Budget Category						Requested Grant Amount	Non-federal Match Amount	Total Cost of Category
1. Salary and Fringe <sup>1</sup>								
Name	Title	Salary	Percent Time Charged to Project	Fringe (as percent of salary)	Total Salary Cost			
2. Indirect Costs <sup>2</sup>								
3. Supplies <sup>3</sup>								
4. Equipment <sup>4</sup>								
5. Travel and Training <sup>5</sup>								
6. Contractual <sup>6</sup>								
7. Construction <sup>7</sup>								
8. Other <sup>8</sup>								
Totals								

1. Include salaries and fringe benefits paid for work performed on the project. "Salary" should include the rate per hour by position. "Fringe benefits" are employment benefits given in addition to wages or salary, such as health, retirement, etc. Grant funds are typically not used to pay municipal employee's salaries; these expenses should be used as match.

2. Indirect can only be charged by those entities that have negotiated an indirect rate with the State of RI in advance. Indirect rates should not exceed 16%.

3. Includes expendable items, such as office, field and lab supplies, film, postage, equipment costing less than \$1,000, books, etc

4. Includes any items of equipment costing more than \$1,000.

5. Includes transportation costs incurred during work, such as tolls, costs of using vehicle (vehicle costs = number of miles x mileage rate of \$0.445/mile)

6. Includes procured services not provided by grantee, such as consultants, engineering and design services, etc. You must identify tasks and outputs for each contractor. If contractual work has not yet been bid, provide estimated costs.

7. Includes costs associated with construction of BMPs, including permit fees.

8. Includes costs not described by previous categories.